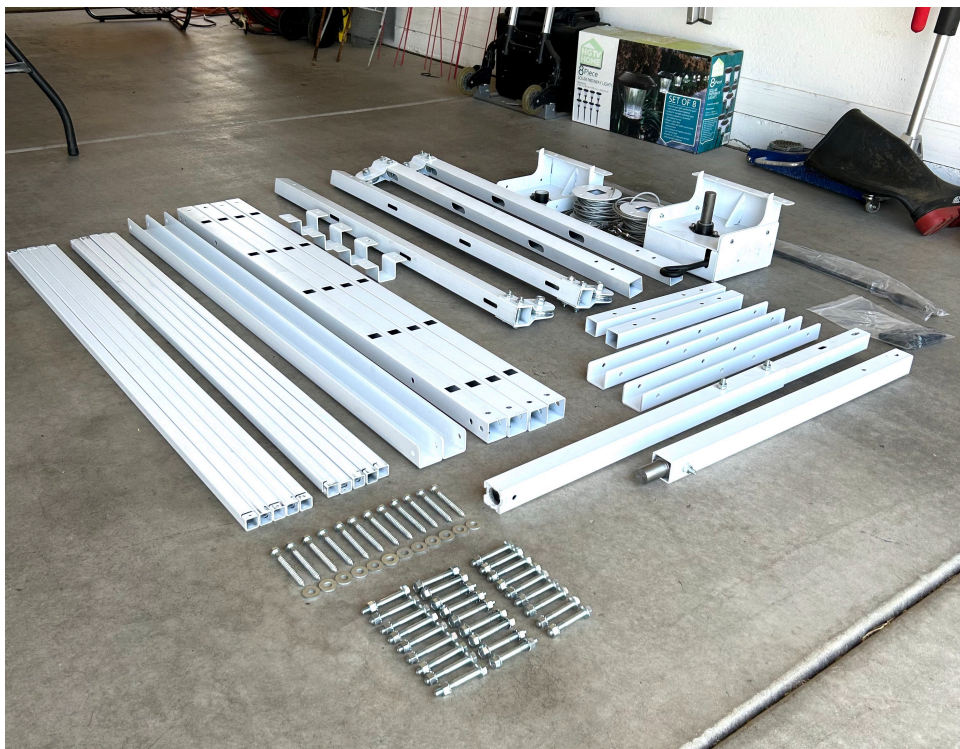


Retractable 4' x 8' Install

- Remove all items from box
 - List of items includes
 - 4 ceiling brackets
 - 2 ceiling bracket connectors
 - 8 U clamps
 - 2 halves of axel rod
 - 4 frame bars
 - 2 end frame connectors
 - 2 middle frame connectors
 - 10 frame platform bars
 - 20 platform bar grommets
 - 2 spools with cables
 - 1 gearbox
 - 1 axel mount
 - 27 long bolts and 27 nuts
 - 12 lag screws and 12 washer



- Step One: Determine which way your ceiling joists run
- Step Two: Installing Ceiling Brackets
 - Using stud finder, find your first ceiling joist
 - Using lag screw and washer, secure first ceiling bracket into center of ceiling joist. Do not fasten all the way so bracket is able to move within elongated hole.



- Attach ceiling bracket connector into second bracket using 2 long bolts, and insert the second half of bracket connector into the previously secured ceiling bracket. Insert 2 long bolts to attach both pulley brackets together.
 - If using “U” clamps rest over the ceiling bracket and pre drill two holes using 3/16 drill bit, then use 2 lag screws and 2 washers to secure pulley bracket into place
 - Repeat steps for next two Ceiling brackets
- If running perpendicular to the ceiling joists measure from inside edge to center of next lag screw insert is 47”
- If running parallel with ceiling joists, attach one side of ceiling brackets, then attach opposite brackets 2 joists over, or 48”





- Step Three: Installing the gearbox, spool mount, spools and spool axel.
 - Remove 4 long bolts holding the bracket connector in place
 - Place gearbox on outer side of ceiling brackets and replace long bolts. Tighten securely
 - Repeat for opposite side axel mount
 - Attach both spools to opposite ends of axel rod, ensure cable is facing the same direction on both spools, and ensure cable is resting on top side of axel rod
 - Attach axel rod to gear box and opposite axel mount, secure with long bolts
 - Run cables through each assigned pulley





Step Four: Build frame and attach frame to cables

